

## EAST SEARCH HISTORY

HITS	QUERY	DATABASE						
	0 labelle-illian.in	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB						
	0 labelle-illian.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB						
1665999	into adj account adj the adj spatial adj distribution adk content	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB						
0	( into adj account adj the adj spatial adj distribution adj content) and 382.clas.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB						
0	( into adj account adj spatial adj distribution adj content) and 382.clas.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB						
3	labelle.in. and 382.clas.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB						
336	(image adj index\$4) and 382.clas.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB						
92	(image adj index\$4) and 382.clas. and (significant\$4 or important\$4) and spatial and (euclidean or norm or distance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB						
274	(image adj (index\$4 or registration)) and 382.clas. and (significant\$4 or important\$4) and spatial and (euclidean or norm or distance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB						
316	((image or color) adj (index\$4 or registration)) and 382.clas. and (significant\$4 or important\$4) and spatial and (euclidean or norm or distance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB						

146 ((query adj by adj image adj content) or qbic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
0 ((query adj by adj image adj content) or qbic) and ibm.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
32 ((query adj by adj image adj content) or qbic) and "INTERNATIONAL BUSINESS MACHINES CORPORATION".as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
216 ((image or color) adj (index\$4 or registration)) and 382.clas. and (significan\$4 or importan\$4) and spatial and (euclidean or norm or distance) and @ay<=2000	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
18 ((quad?tree or quadtree) and ((color or image) adj (indexing or register\$4 or registration or retriev\$4)) and 382.clas.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
35 ((quad?tree or quadtree) and ((color or image) adj (indexing or register\$4 or registration or retriev\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
4 ("5642431"   "5933823"   "6104833"   "6480840"), PN.	USPAT					
395 labelle.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
37 labelle-l\$8.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
7 1170954.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
2 5915250.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					

3	9934280 .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
2	5751286 .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
3	9852119 .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
2	5937907 .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
4	5937107 .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
1	0859335 .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
4	859335 .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
2	5652881 .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
10	(quad?tree or quadtree) and isomorphs\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
17	lee-jungwoo.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
1	((relative adj. importance) or (relative adj. significance) or (measure near importance) or (measure near significance)) same energy and (feature adj. vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					

9) ((relative adj. importance) or (relative adj. significance) or (measure near importance) or (measure near significance)) same (energy or norm or magnitude) and ((feature adj. vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
10) (((relative adj. importance) or (relative adj. significance) or (measure near importance) or (measure near significance)) same (energy or norm or magnitude) same block) and image	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
125) (((relative adj. importance) or (relative adj. significance) or (measure near importance) or (measure near significance)) and (energy or norm)) and (382. clas. or 345. clas. )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
96) (((relative adj. importance) or (relative adj. significance) or (measure near importance) or (measure near significance)) and (energy)) and (382. clas. or 345. clas. )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
30) (total adj. energy) same ((block or cell or cluster or segment) with energy) and (382. clas. or 345. clas. )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
3) ((total adj. energy) same ratio same weight) and (382. clas. or 345. clas. )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					

58 smith-john.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
73 virage.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
0 virage.as. and 382.clas	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
2 virage.as. and 382.clas.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
5 2821947.URPN.	USPAT					
210 (((relative adj importance) or (relative adj significance) or (measure near importance) or (measure near significance)) and (energy or norm or magnitude)) and (382.clas. or 345.clas.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
76 hierarchical and (image adj index\$5) and (382.clas. or 707.clas.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
6 hierarchical same (image adj index\$5) and (382.clas. or 707.clas.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
56 hierarchical same (image adj (query\$5 or index\$5 or database or retrieve\$5)) and (382.clas. or 707.clas.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					

## EAST SEARCH TAGGED

patent #	type	pub date	title	class1	class2	inventor			
US 20020018592 A1	US-PGPUB	20020214	Methods and devices for indexing and searching for digital images taking into account the spatial distribution of the content of the images	382/165	382/170; 382/305	Labelle, Lilian			
US 20010046332 A1	US-PGPUB	20011129	Perception-based image retrieval	382/305		Chang, Edward Y.			
US 5579471 A	USPAT	19961126	Image query system and method	345/700	345/835; 382/209; 382/220; 382/305; 707/6	Barber, Ronald J. et al.			
US 6681060 B2	USPAT	20040120	Image retrieval using distance measure	382/305	358/403; 382/190; 382/218; 707/6	Acharya, Tinku et al.			
US 6480840 B2	USPAT	20021112	Method and computer program product for subjective image content similarity-based retrieval	707/3	705/5; 707/102; 707/103R; 707/2; 707/4; 707/5	Zhu, Wei et al.			
US 6134541 A	USPAT	20001017	Searching multidimensional indexes using associated clustering and dimension reduction information	707/2	707/1; 707/3	Castelli, Vittorio et al.			
US 6122628 A	USPAT	20000919	Multidimensional data clustering and dimension reduction for indexing and searching	707/5	707/2; 707/3	Castelli, Vittorio et al.			
US 5915250 A	USPAT	19990622	Threshold-based comparison	707/100	707/104.1; 707/3; 707/5	Jain, Ramesh et al.			
US 6326965 B1	USPAT	20011204	Interactive representation and retrieval of multi-dimensional data using view elements	345/420	345/629; 345/853; 382/232; 707/101; 707/104.1	Castelli, Vittorio et al.			
WO 9934280 A	DERWENT	19990708	Graphical user interface for system control, e.g. heating, lighting, audio systems etc.			MANKOVICH, N J			

WO 9852119 A1	EPO	19981119	METHOD AND SYSTEM FOR IMAGE RETRIEVAL			CHANG, SHIH-FU et al.			
US 5652881 A	USPAT	19970729	Still picture search/retrieval method carried out on the basis of color information and system for carrying out the same	707/104.1	358/403; 382/162; 382/165; 382/181; 382/305; 707/3; 707/5	Takahashi, Masamitsu et al.			
US 20020087538 A1	US-PGPUB	20020704	Image retrieval system	707/6		Abdel-Mottaleb, Mohammed S. et al.			







GOOGLE KEY WORDS:

quadtree quad-tree "quad tree"  
content based image retrieval  
content based image query  
content based visual query  
image indexing  
color indexing

IEEEExplore QUERY:

(content based image) <and> (quad-tree <or> quadtree)